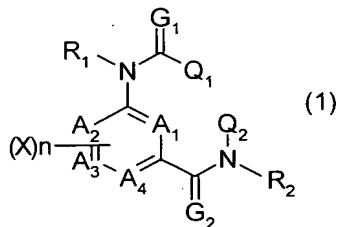


CLAIMS

1. A compound represented by Formula (1):



wherein A₁, A₂, A₃ and A₄ each represent a carbon atom, a nitrogen
5 atom or an oxidized nitrogen atom;

R₁ and R₂ each represent a hydrogen atom, an optionally
substituted alkyl group or an optionally substituted C1-C4
alkylcarbonyl group;

G₁ and G₂ each represent an oxygen atom or a sulfur atom;

10 X, which may be identical or different each other, represents
a hydrogen atom, a halogen atom, a C1-C3 alkyl group or a
trifluoromethyl group;

n is an integer of 0 to 4;

Q₁ represents an optionally substituted phenyl group, an
15 optionally substituted naphthyl group or an optionally substituted
heterocyclic group; and

Q₂ represents a phenyl group or heterocyclic group having one
or more substituents, at least one of the substituent being any of
a C1-C4 haloalkoxy group, a C2-C6 perfluoroalkyl group, a C1-C6
20 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group and
a C1-C6 perfluoroalkylsulfonyl group.

2. The compound according to claim 1 represented by Formula (1),
wherein

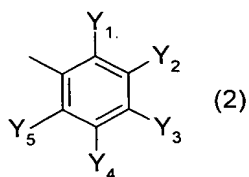
R₁ and R₂ are each a hydrogen atom or a C1-C4 alkyl group;

Xs, which may be identical or different each other, are a hydrogen atom, a halogen atom or a trifluoromethyl group;

Q₁ is a phenyl group, or a substituted phenyl group having one or more substituents, which may be identical or different, selected
 5 from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3
 10 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxycarbonyl group, an acetylamino
 15 group, and a phenyl group; a heterocyclic group (the heterocyclic group herein represents a pyridyl group, a pyridin-N-oxide group, a pyrimidinyl group, a pyridazyl group, a pyrazyl group, a furyl group, a thienyl group, an oxazolyl group, an isoxazolyl group, an oxadiazolyl group, a thiazolyl group, an isothiazolyl group, an
 20 imidazolyl group, a triazolyl group, a pyrrolyl group, a pyrazolyl group or a tetrazolyl group), or a substituted heterocyclic group (which means the same as those described above) having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4
 25 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group,

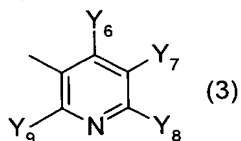
a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino group, and a phenyl group;

Q₂ is represented by Formula (2):



(wherein Y₁ and Y₅, which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y₃ represents a C2-C6 perfluoroalkyl group, a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y₂ and Y₄ each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

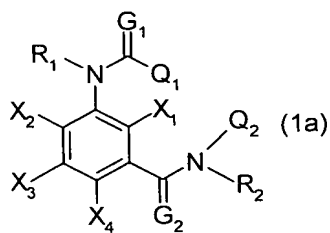
or by Formula (3):



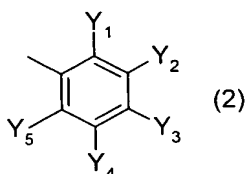
(wherein Y₆ and Y₉, which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3

alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_8 represents a C1-C4 haloalkoxy group, a C2-C6 perfluoroalkyl group, a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y_7 represents a hydrogen atom, a halogen atom or a C1-C4 alkyl group).

3. The compound according to claim 2, represented by Formula (1a), which is Formula (1) with A_1 , A_2 , A_3 and A_4 being all carbon atoms:

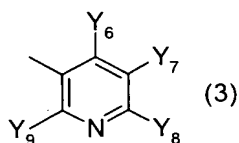


wherein R_1 , R_2 , G_1 , G_2 and Q_1 have the same meanings as those described in claim 2, and Q_2 is represented either by Formula (2):



(wherein Y_1 and Y_5 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_3 represents a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y_2 and Y_4 each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

or by Formula (3):

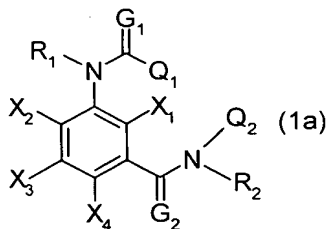


(wherein Y₆ and Y₉, which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y₈ represents a C1-C4 haloalkoxy group, a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y₇ represents a hydrogen atom, a halogen atom or a C1-C4 alkyl group),

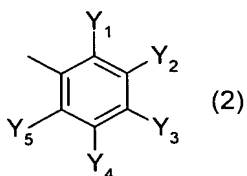
wherein in Formula (1a), X₁ and X₂ each represent a hydrogen atom or a fluorine atom; and

X₃ and X₄ represent a hydrogen atom.

4. The compound according to claim 1 or 2, represented by Formula (1a), which is Formula (1) with A₁, A₂, A₃ and A₄ being all carbon atoms:

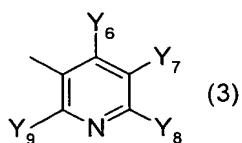


wherein Q₂ is represented either by Formula (2):



(wherein Y_1 and Y_5 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_3 represents a C2-C6 perfluoroalkyl group; and Y_2 and Y_4 each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

or by Formula (3):



(wherein Y_6 and Y_9 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_8 represents a C2-C6 perfluoroalkyl group; and Y_7 represents a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

X_1 and X_2 each represent a hydrogen atom or a fluorine atom;

X_3 and X_4 represent a hydrogen atom;

one of R_1 and R_2 is a hydrogen atom, the other is a C1-C4 alkyl group, or both of them are a C1-C4 alkyl group;

G_1 and G_2 each represent an oxygen atom or a sulfur atom; and

Q_1 represents a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4

alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino group and a phenyl group; a heterocyclic group (the heterocyclic group herein represents a pyridyl group, a pyridin-N-oxide group, a pyrimidinyl group, a pyridazyl group, a pyrazyl group, a furyl group, a thienyl group, an oxazolyl group, an isoxazolyl group, an oxadiazolyl group, a thiazolyl group, an isothiazolyl group, an imidazolyl group, a triazolyl group, a pyrrolyl group, a pyrazolyl group or a tetrazolyl group); or a substituted heterocyclic group (which means the same as those described above) having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino

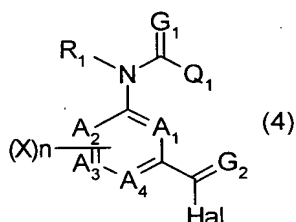
group and a phenyl group.

5. The compound according to claim 1 or 2, represented by Formula (1), wherein A_1 is a nitrogen atom or an oxidized nitrogen atom; A_2 , A_3 and A_4 are a carbon atom; R_1 and R_2 are each a hydrogen atom; X is a hydrogen atom or a fluorine atom; n is 0 or 1; and G_1 and G_2 are an oxygen atom.

6. The compound according to any one of claims 3 to 5, wherein Q_1 is a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino group and a phenyl group; a pyridyl group; or a substituted pyridyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group,

a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4
alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro
group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4
alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino
5 group and a phenyl group.

7. A compound represented by Formula (4):



wherein A₁, A₂, A₃ and A₄ each represent a carbon atom, a nitrogen
atom or an oxidized nitrogen atom;

10 R₁ represents a hydrogen atom, a C1-C4 alkyl group or a C1-C4
alkylcarbonyl group;

G₁ and G₂ each represent an oxygen atom or a sulfur atom;

X, which may be identical or different each other, represents
a hydrogen atom, a halogen atom, an optionally substituted C1-C3 alkyl
15 group or a trifluoromethyl group;

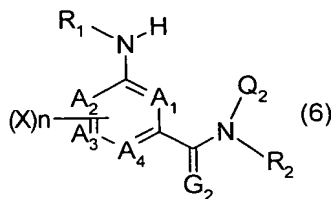
n represents an integer of 0 to 4;

Q₁ represents a phenyl group; a substituted phenyl group having
one or more substituents, which may be identical or different,
selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl
20 group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4
alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group,
a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy
group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3
alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3

alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4
 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro
 group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4
 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino
 5 group and a phenyl group; a heterocyclic group (the heterocyclic group
 herein represents a pyridyl group, a pyridin-N-oxide group, a
 pyrimidinyl group, a pyridazyl group, a pyrazyl group, a furyl group,
 a thienyl group, an oxazolyl group, an isoxazolyl group, an
 oxadiazolyl group, a thiazolyl group, an isothiazolyl group, an
 10 imidazolyl group, a triazolyl group, a pyrrolyl group, a pyrazolyl
 group or a tetrazolyl group); or a substituted heterocyclic group
 (which means the same as those described above) having one or more
 substituents, which may be identical or different, selected from a
 halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4
 15 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a
 C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6
 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group,
 a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3
 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3
 20 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4
 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro
 group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4
 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino
 group or a phenyl group; and

25 Hal represents a chlorine atom or a bromine atom.

8. A compound represented by Formula (6):



wherein A_1 , A_2 , A_3 and A_4 each represented by a carbon atom, a nitrogen atom or an oxidized nitrogen atom;

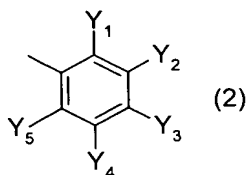
R_1 and R_2 each represent a hydrogen atom, a C1-C4 alkyl group
5 or a C1-C4 alkylcarbonyl group;

G_2 represents an oxygen atom or a sulfur atom;

X , which may be identical or different, represents a hydrogen atom, a halogen atom, an optionally substituted C1-C3 alkyl group or a trifluoromethyl group;

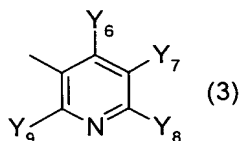
10 n represents an integer of 0 to 4;

Q_2 is represented either by Formula (2):



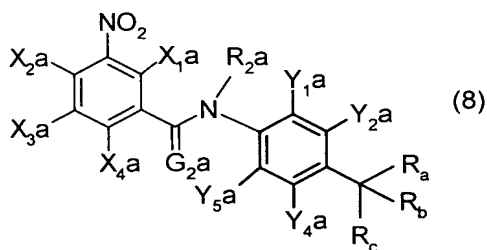
(wherein Y_1 and Y_5 , which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group,
15 a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y_3 represents a C2-C6 perfluoroalkyl group, a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or
20 a C1-C6 perfluoroalkylsulfonyl group; and Y_2 and Y_4 each represent a hydrogen atom, a halogen atom or a C1-C4 alkyl group);

or by Formula (3):



(wherein Y₆ and Y₉, which may be identical or different, each represent a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group or a cyano group; Y₈ represents a C1-C4 haloalkoxy group, a C2-C6 perfluoroalkyl group, a C1-C6 perfluoroalkylthio group, a C1-C6 perfluoroalkylsulfinyl group or a C1-C6 perfluoroalkylsulfonyl group; and Y₇ represents a hydrogen atom, a halogen atom or a C1-C4 alkyl group).

9. A compound represented by Formula (8):



wherein X_{1a}, X_{2a}, X_{3a} and X_{4a} each represent a hydrogen atom, a C1-C3 alkyl group, a trifluoromethyl group, a hydroxyl group, an amino group or a halogen atom;

R_a and R_b each represent a fluorine atom or a C1-C4 perfluoroalkyl group;

R_c represents a hydroxyl group, a group -O-R_d (wherein R_d represents a C1-C3 alkyl group, a C1-C3 haloalkyl group, a C1-C3 alkylsulfonyl, a C1-C3 haloalkylsulfonyl group, an arylsulfonyl

group, a C1-C4 alkylcarbonyl group or a C1-C4 haloalkylcarbonyl group), a chlorine atom, a bromine atom or an iodine atom;

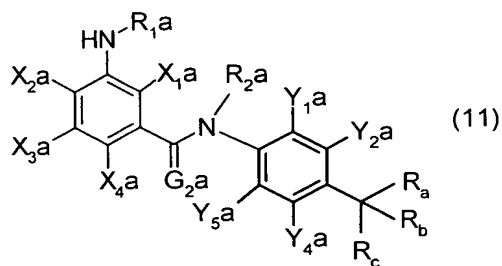
R_{2a} represents a hydrogen atom, a C1-C3 alkyl group, a C1-C3 haloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C4 alkylthio group, a C1-C4 haloalkylthio group, a C1-C4 alkylcarbonyl group or a C1-C4 haloalkylcarbonyl group;

Y_{1a} and Y_{5a} each represent a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C4 alkylthio group, a C1-C4 haloalkylthio group, a C1-C3 alkylsulfinyl group or a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a cyano group, a hydroxyl group or a halogen atom;

Y_{2a} and Y_{4a} each represent a hydrogen atom, a C1-C4 alkyl group or a halogen atom; and

G_{2a} represents an oxygen atom or a sulfur atom.

10. A compound represented by Formula (11):



wherein X_{1a}, X_{2a}, X_{3a} and X_{4a} each represent a hydrogen atom, a C1-C3 alkyl group, a trifluoromethyl group, a hydroxyl group, an amino group or a halogen atom;

R_a and R_b each represent a fluorine atom or a C1-C4 perfluoroalkyl group;

R_c represents a hydroxyl group, a group -O-R_d (wherein R_d represents a C1-C3 alkyl group, a C1-C3 haloalkyl group, a C1-C3

alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, an arylsulfonyl group, a C1-C4 alkylcarbonyl group or a C1-C4 haloalkylcarbonyl group), a chlorine atom, a bromine atom or an iodine atom;

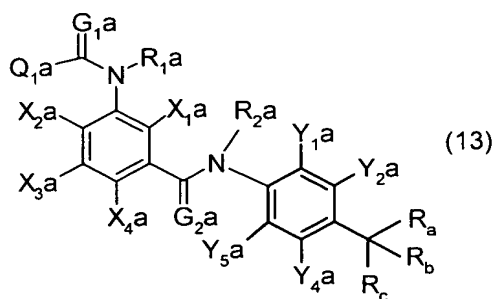
- 5 R_{1a} and R_{2a} each represent a hydrogen atom, a C1-C3 alkyl group, a C1-C3 haloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C4 alkylthio group, a C1-C4 haloalkylthio group, a C1-C4 alkylcarbonyl group or a C1-C4 haloalkylcarbonyl group;

- 10 Y_{1a} and Y_{5a} each represent a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C4 alkylthio group, a C1-C4 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a cyano group, a hydroxyl group or a halogen atom;

- 15 Y_{2a} and Y_{4a} each represent a hydrogen atom, a C1-C4 alkyl group or a halogen atom; and

G_{2a} represents an oxygen atom or a sulfur atom.

11. A compound represented by Formula (13):



- 20 wherein X_{1a} , X_{2a} , X_{3a} and X_{4a} each represent a hydrogen atom, a C1-C3 alkyl group, a trifluoromethyl group, a hydroxyl group, an amino group or a halogen atom;

R_a and R_b each represent a fluorine atom or a C1-C4 perfluoroalkyl group;

R_c represents a hydroxyl group, a group $-O-R_d$ (wherein R_d represents a C1-C3 alkyl group, a C1-C3 haloalkyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, an arylsulfonyl group, a C1-C4 alkylcarbonyl group or a C1-C4 haloalkylcarbonyl group), a chlorine atom, a bromine atom or an iodine atom;

R_{1a} and R_{2a} each represent a hydrogen atom, a C1-C3 alkyl group, a C1-C3 haloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C4 alkylthio group, a C1-C4 haloalkylthio group, a C1-C4 alkylcarbonyl group or a C1-C4 haloalkylcarbonyl group;

Y_{1a} and Y_{5a} each represent a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C4 alkylthio group, a C1-C4 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a cyano group, a hydroxyl group or a halogen atom;

Y_{2a} and Y_{4a} each represent a hydrogen atom, a C1-C4 alkyl group or a halogen atom;

G_{1a} and G_{2a} each represent an oxygen atom or a sulfur atom;

Q_{1a} represents a phenyl group; a substituted phenyl group having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4

alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino group and a phenyl group; a heterocyclic group (the heterocyclic group
 5 herein represents a pyridyl group, a pyridin-N-oxide group, a pyrimidinyl group, a pyridazyl group, a pyrazyl group, a furyl group, a thienyl group, an oxazolyl group, an isoxazolyl group, an oxadiazolyl group, a thiazolyl group, an isothiazolyl group, an imidazolyl group, a triazolyl group, a pyrrolyl group, a pyrazolyl
 10 group or a tetrazolyl group); or a substituted heterocyclic group (which means the same as those described above) having one or more substituents, which may be identical or different, selected from a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C2-C4 alkenyl group, a C2-C4 haloalkenyl group, a C2-C4 alkynyl group, a
 15 C2-C4 haloalkynyl group, a C3-C6 cycloalkyl group, a C3-C6 halocycloalkyl group, a C1-C3 alkoxy group, a C1-C3 haloalkoxy group, a C1-C3 alkylthio group, a C1-C3 haloalkylthio group, a C1-C3 alkylsulfinyl group, a C1-C3 haloalkylsulfinyl group, a C1-C3 alkylsulfonyl group, a C1-C3 haloalkylsulfonyl group, a C1-C4
 20 alkylamino group, a di-C1-C4-alkylamino group, a cyano group, a nitro group, a hydroxyl group, a C1-C4 alkylcarbonyl group, a C1-C4 alkylcarbonyloxy group, a C1-C4 alkoxy carbonyl group, an acetylamino group and a phenyl group.

12. An insecticide containing the compound according to any one
 25 of claims 1 to 6 as the active ingredient.

13. A method of using pesticide in treating crops for cultivation or the soil to be treated with an effective amount of

the compound according to any one of claims 1 to 6, in order to protect the crops from harmful organisms.

14. A mixture in which the compound according to any one of claims 1 to 6 is combined with at least one other insecticide and/or
5 fungicide.